

PTO/SB/08A (10-01)

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Substitute for f	om 1449A/PTO			Application Number	10/648,889
				Filing Date	- August 27, 2003
	MATION DIS			First Named Inventor	Diggle
STATE	EMENT BY AI	PPLIC	CANT	Art Unit	
				Examiner Name	
(use as	many sheets as	neces	ssary)		
Sheet	1	of	2	Attorney Docket Number	030310

	U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
Initials*	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
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PI-1081561 v1 0224285-0335

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		NON PATENT LITERATURE DOCUMENTS	
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ak	,	U.S. Patent Application No. 10/646,160 filed August 22, 2003. Attorney docket No. 030308.	
ak		U.S. Patent Application No. 10/645,950 filed August 22, 2003. Attorney docket No. 030309.	
ack	\	U.S. Patent Application No. 10/648,890 filed August 27, 2003. Attorney docket No. 030311.	
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Examiner Signature	Anita King	Date Considered 6/13/05	_

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		Filing Date	August 27, 2003
INFORMATION DISCL	.OSURE	First Named Inventor	Diggle
STATEMENT BY APP	LICANT	Art Unit	3632
		Examiner Name	
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Sheet 1 c	of 2	Attorney Docket Number	030310

		U.S	S. PATENT DO	CUMENTS	-
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

		FOREIGN F	PATENT DOC	JMENTS		
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PI-1095734 v1 0224285-0335

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Complete if Known Substitute for form 1449A/PTO **Application Number** 10/648,889 Filing Date August 27, 2003 INFORMATION DISCLOSURE First Named Inventor Diggle STATEMENT BY APPLICANT Art Unit 3632 Examiner Name (use as many sheets as necessary) Attorney Docket Number 030310

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CK.		Carrier Handline B 0A07710, Apparatus Equipment and Tools, BellSouth Products Catalog, January 2003, page 141	
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	Number - Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
71K		Des. 310,716	09-18-1990	Trask	
UK.		800,050	09-19-1905	Ayres	
$u\kappa^-$		1,479,150	01-01-1924	Mellus	·
7.K		2,440,469	04-27-1948	Goddard	
COK		3,144,695	08-18-1964	Budwig	
CHK.		3,289,983	12-06-1966	Mennerdahl	
7JK		3,791,663	02-12-1974	Allsop et al.	1
TAR		4,765,037	08-23-1988	Репу	
UK.		4,441,233	04-10-1984	Swift	
CHK.		4,990,157	02-05-1991	Roberts et al.	
UK		5,150,504	09-29-1992	Cohen	
ak		5,042,113	08-27-1991	Severson et al.	
alk		6,073,315	06-13-2000	Rasmussen	

FOREIGN PATENT DOCUMENTS								
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